

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
**WO 2005/012496 A2**

- (51) International Patent Classification<sup>7</sup>: C12N (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/US2004/024858
- (22) International Filing Date: 29 July 2004 (29.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/490,873 29 July 2003 (29.07.2003) US
- (71) Applicant (for all designated States except US): **CARGILL, INCORPORATED** [US/US]; P.O. Box 5624, Minneapolis, MN 55440-5624 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SHORROSH, Basil**, S. [US/US]; 3311 Laredo Lane, Ft. Collins, CO 80526 (US). **JENKIN, Matthew** [US/US]; 6612 Avondale Road, #6C, Ft. Collins, CO 80525-7040 (US). **DANG, Benyuan** [CN/US]; 2839 Sage Creek Road, Fort Collins, CO 80528 (US).
- (74) Agent: **PRIBNOW, Scott, R.**; Cargill, Incorporated, P.O. Box 5624, Minneapolis, MN 55440-5624 (US).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL NUCLEIC ACIDS FROM SESAME PLANTS

(57) Abstract: Novel nucleic acids derived from the 5' untranslated regions of the 2S albumin and 11S globulin genes from sesame are disclosed. These novel nucleic acids can be used to direct expression of coding nucleic acids. Expression constructs can be introduced into a plant cell to generate a transgenic plant cell or to generate a transgenic plant.

WO 2005/012496 A2